

01/07/02



National
Aeronautics and
Space
Administration

Express Mail Label No.:
ET 45230722S US

Patent Application

ARC-14586-1
(NASA Case No.)

Letter Transmitting Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

Transmitted herewith for filing is the Patent Application of:

Applicant:

Inventor(s): Man Mohan Rai

Entitled:

A Hybrid Neural Network and Support Vector Machine Method for Optimization

Enclosed are:

- ☒ Specification and claims ☒ 13 sheets of drawing
☒ Declaration ☒ Power of Attorney
☐ Assignment of the invention to the National Aeronautics and Space Administration
☐ License of the invention to the National Aeronautics and Space Administration
☐ Application Data Sheet
☐ Preliminary Amendment
☐ Information Disclosure Statement
☒ Nonpublication Request and Certification (PTO/SB/35 or equivalent)
☐ International application under the PCT (see PCT/RO/101, XII checklist)

The fee has been calculated as shown below:

FOR (1)	CLAIMS FILED NUMBER		RATE (4)	FEE (5)
	PAID FOR (2)	EXTRA (3)		
TOTAL CLAIMS	20	0	18.00	\$0.00
INDEPENDENT CLAIMS	3	0	84.00	\$0.00
BASIC FEE (Minimum amount required)				\$740.00
TOTAL FILING FEE				\$740.00

Please charge our Deposit Account No. 14-0116 in the amount shown as the total filing fee. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

1-7-02

(Date)

Robert M. Padilla

(Attorney of Record) (Reg. No.)

38,987

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ARC-14586-1

PATENT

Express Mail Label No.: ET452307225US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re new application of: Man Mohan Rai

Filed: Herewith

For: "A Hybrid Neural Network and Support Vector Machine Method for Optimization"

**Box Patent Application
Commissioner for Patents
Washington, DC 20231**

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: ET452307225US

Date of Deposit: January 7, 2002

I here by certify that the attached correspondence comprising:

One Return Post Card
Certificate of Mailing (1 page)
Transmittal Letter/Fee Sheet (1 page, in duplicate)
Specification & Claims (31 pages, including abstract)
Informal Drawings (13 sheets, including figs. 1-7, 8A-C, 9A-C, 10, 11A-B,
and 12)
Nonpublication Request Under 35 USC 122(b)(2)(B)(I) (1 page)
Declaration/Power of Attorney (2 pages)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, DC 20231.

Vickie L. Kent
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Vickie L. Kent 01/07/02
signature date

Express Mail Label No.: ET452307225 US

PTO/SB/35 (11-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

Man Mohan Rai

Title

A Hybrid Neural Network and Support
Vector Machine Method for Optimization

Atty Docket Number

ARC-14586-1

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

1-7-02

Date

Robert M. Padilla

Signature

Robert M. Padilla

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.